

WHAT IS CLAIMED IS:

1. A display device having a display window with a principal surface, said display device comprising a magnetic loss layer formed on at least a part of said principal surface.
2. A display device as claimed in claim 1, wherein said magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.
3. A display device as claimed in claim 2, wherein said granular magnetic thin layer is deposited on said principal surface by sputtering process .
4. A display device as claimed in claim 2, wherein said granular magnetic thin layer is deposited on said principal surface by vapor deposition process.
5. A light emitting element having a light emitting window with a principal surface, said light emitting element comprising a magnetic loss layer formed on at least a part of said principal surface.
6. A light emitting element as claimed in claim 5, wherein said magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.
7. A light emitting element as claimed in claim 6, wherein said granular magnetic thin layer is deposited on said principal surface by sputtering process.
8. A light emitting element as claimed in claim 6, wherein said granular magnetic thin layer is deposited on said principal surface by vapor deposition process.

9. A light emitting element having a light emitting window with a principal surface, said light emitting element comprising a meshed magnetic loss layer formed on at least a part of said principal surface.

10. A light emitting element as claimed in claim 9, wherein said meshed magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

11. A light emitting element as claimed in claim 10, wherein said granular magnetic thin layer is deposited on said principal surface by sputtering process using a mask.

12. A light emitting element as claimed in claim 10, wherein said granular magnetic thin layer is deposited on said principal surface by vapor deposition process using a mask.

13. A light emitting element as claimed in claim 10, wherein said granular magnetic thin layer is a crosshatched film formed by crosshatching a magnetic loss wire made of a granular magnetic material.

14. A plasma display panel having a front glass substrate with an outer surface, said plasma display panel comprising a sheet-like magnetic loss layer formed on said outer surface.

15. A plasma display panel as claimed in claim 14, wherein said sheet-like magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

16. A plasma display panel as claimed in claim 15, wherein said sheet-like magnetic loss layer is deposited on said outer surface by sputtering process.

17. A plasma display panel as claimed in claim 15, wherein said sheet-like magnetic loss layer is deposited on said outer surface by vapor deposition process.

18. A plasma display panel having a front glass substrate with an inner surface, said plasma display panel comprising a sheet-like magnetic loss layer formed on said inner surface.

19. A plasma display panel as claimed in claim 18, wherein said sheet-like magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

20. A plasma display panel as claimed in claim 19, wherein said sheet-like magnetic loss layer is deposited on said inner surface by sputtering process.

21. A plasma display panel as claimed in claim 19, wherein said sheet-like magnetic loss layer is deposited on said inner surface by vapor deposition process.

22. A plasma display panel having a front glass substrate with an outer surface, said plasma display panel comprising a latticed magnetic loss layer formed on said outer surface.

23. A plasma display panel as claimed in claim 22, wherein said latticed magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

24. A plasma display panel as claimed in claim 23, wherein said latticed magnetic loss layer is deposited on said outer surface by sputtering process using a mask.

of vapor deposition process and patterning process.

34. A plasma display panel having a front glass substrate with an outer surface, said plasma display panel comprising a striped magnetic loss layer formed on said outer surface.

35. A plasma display panel as claimed in claim 34, wherein said striped magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

36. A plasma display panel as claimed in claim 35, wherein said striped magnetic loss layer is deposited on said outer surface by sputtering process using a mask.

37. A plasma display panel as claimed in claim 35, wherein said striped magnetic loss layer is deposited on said outer surface by vapor deposition process using a mask.

38. A plasma display panel as claimed in claim 35, wherein said striped magnetic loss layer is deposited on said outer surface by a combination of sputtering process and patterning process.

39. A plasma display panel as claimed in claim 35, wherein said striped magnetic loss layer is deposited on said outer surface by a combination of vapor deposition process and patterning process.

40. A plasma display panel having a front glass substrate with an inner surface, said plasma display panel comprising a striped magnetic loss layer formed on said inner surface.

41. A plasma display panel as claimed in claim 40, wherein said striped magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and

Y, and Y being F, N, and/or O.

42. A plasma display panel as claimed in claim 41, wherein said striped magnetic loss layer is deposited on said inner surface by sputtering process using a mask.

43. A plasma display panel as claimed in claim 41, wherein said striped magnetic loss layer is deposited on said inner surface by vapor deposition process using a mask.

44. A plasma display panel as claimed in claim 41, wherein said striped magnetic loss layer is deposited on said inner surface by a combination of sputtering process and patterning process.

45. A plasma display panel as claimed in claim 41, wherein said striped magnetic loss layer is deposited on said inner surface by a combination of vapor deposition process and patterning process.

46. A plasma display panel having a front glass substrate with an outer surface, said plasma display panel comprising a specked magnetic loss layer formed on said outer surface.

47. A plasma display panel as claimed in claim 46, wherein said specked magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

48. A plasma display panel as claimed in claim 47, wherein said specked magnetic loss layer is deposited on said outer surface by sputtering process using a mask.

49. A plasma display panel as claimed in claim 47, wherein said specked magnetic loss layer is deposited on said outer surface by vapor deposition process using a mask.

50. A plasma display panel as claimed in claim 47, wherein said specked magnetic loss layer is deposited on said outer surface by a combination of sputtering process and patterning process.

51. A plasma display panel as claimed in claim 47, wherein said specked magnetic loss layer is deposited on said outer surface by a combination of vapor deposition process and patterning process.

52. A plasma display panel having a front glass substrate with an inner surface, said plasma display panel comprising a specked magnetic loss layer formed on said inner surface.

53. A plasma display panel as claimed in claim 52, wherein said specked magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

54. A plasma display panel as claimed in claim 53, wherein said specked magnetic loss layer is deposited on said inner surface by sputtering process using a mask.

55. A plasma display panel as claimed in claim 53, wherein said specked magnetic loss layer is deposited on said inner surface by vapor deposition process using a mask.

56. A plasma display panel as claimed in claim 53, wherein said specked magnetic loss layer is deposited on said inner surface by a combination of sputtering process and patterning process.

57. A plasma display panel as claimed in claim 53, wherein said specked magnetic loss layer is deposited on said inner surface by a combination of vapor deposition process and patterning process.

58. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an inner surface, said CRT display device

comprising a latticed magnetic loss layer formed on said inner surface.

59. A CRT display device as claimed in claim 58, wherein said latticed magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

60. A CRT display device as claimed in claim 59, wherein said latticed magnetic loss layer is deposited on said inner surface by sputtering process using a mask.

61. A CRT display device as claimed in claim 59, wherein said latticed magnetic loss layer is deposited on said inner surface by vapor deposition process using a mask.

62. A CRT display device as claimed in claim 59, wherein said latticed magnetic loss layer is deposited on said inner surface by a combination of sputtering process and patterning process.

63. A CRT display device as claimed in claim 59, wherein said latticed magnetic loss layer is deposited on said inner surface by a combination of vapor deposition process and patterning process.

64. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an outer surface, said CRT display device comprising a latticed magnetic loss layer formed on said outer surface.

65. A CRT display device as claimed in claim 64, wherein said latticed magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

66. A CRT display device as claimed in claim 65, wherein said latticed magnetic loss layer is deposited on said outer surface by sputtering process

using a mask.

67. A CRT display device as claimed in claim 65, wherein said latticed magnetic loss layer is deposited on said outer surface by vapor deposition process using a mask.

68. A CRT display device as claimed in claim 65, wherein said latticed magnetic loss layer is deposited on said outer surface by a combination of sputtering process and patterning process.

69. A CRT display device as claimed in claim 65, wherein said latticed magnetic loss layer is deposited on said outer surface by a combination of vapor deposition process and patterning process.

70. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an inner surface, said CRT display device comprising a striped magnetic loss layer formed on said inner surface.

71. A CRT display device as claimed in claim 70, wherein said striped magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

72. A CRT display device as claimed in claim 71, wherein said striped magnetic loss layer is deposited on said inner surface by sputtering process using a mask.

73. A CRT display device as claimed in claim 71, wherein said striped magnetic loss layer is deposited on said inner surface by vapor deposition process using a mask.

74. A CRT display device as claimed in claim 71, wherein said striped magnetic loss layer is deposited on said inner surface by a combination of sputtering process and patterning process.

75. A CRT display device as claimed in claim 71, wherein said striped magnetic loss layer is deposited on said inner surface by a combination of vapor deposition process and patterning process.

76. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an outer surface, said CRT display device comprising a striped magnetic loss layer formed on said outer surface.

77. A CRT display device as claimed in claim 76, wherein said striped magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

78. A CRT display device as claimed in claim 77, wherein said striped magnetic loss layer is deposited on said outer surface by sputtering process using a mask.

79. A CRT display device as claimed in claim 77, wherein said striped magnetic loss layer is deposited on said outer surface by vapor deposition process using a mask.

80. A CRT display device as claimed in claim 77, wherein said striped magnetic loss layer is deposited on said outer surface by a combination of sputtering process and patterning process.

81. A CRT display device as claimed in claim 77, wherein said striped magnetic loss layer is deposited on said outer surface by a combination of vapor deposition process and patterning process.

82. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an inner surface, said CRT display device comprising a specked magnetic loss layer formed on said inner surface.

83. A CRT display device as claimed in claim 82, wherein said specked magnetic loss layer is a granular magnetic thin layer with a magnetic

composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

84. A CRT display device as claimed in claim 83 wherein said specked magnetic loss layer is deposited on said inner surface by sputtering process using a mask.

85. A CRT display device as claimed in claim 83, wherein said specked magnetic loss layer is deposited on said inner surface by vapor deposition process using a mask.

86. A CRT display device as claimed in claim 83, wherein said specked magnetic loss layer is deposited on said inner surface by a combination of sputtering process and patterning process.

87. A CRT display device as claimed in claim 83, wherein said specked magnetic loss layer is deposited on said inner surface by a combination of vapor deposition process and patterning process.

88. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an outer surface, said CRT display device comprising a specked magnetic loss layer formed on said outer surface.

89. A CRT display device as claimed in claim 88, wherein said specked magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

90. A CRT display device as claimed in claim 89, wherein said specked magnetic loss layer is deposited on said outer surface by sputtering process using a mask.

91. A CRT display device as claimed in claim 89, wherein said specked magnetic loss layer is deposited on said outer surface by vapor

deposition process using a mask.

92. A CRT display device as claimed in claim 89, wherein said specked magnetic loss layer is deposited on said outer surface by a combination of sputtering process and patterning process.

93. A CRT display device as claimed in claim 89, wherein said specked magnetic loss layer is deposited on said outer surface by a combination of vapor deposition process and patterning process.

94. A cathode-ray tube (CRT) display device comprising a cathode-ray tube having a display panel with an outer surface, said CRT display device comprising a sheet-like magnetic loss layer formed on said outer surface.

95. A CRT display device as claimed in claim 94, wherein said sheet-like magnetic loss layer is a granular magnetic thin layer with a magnetic composition comprising M, X and Y, where M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O.

96. A CRT display device as claimed in claim 95, wherein said sheet-like magnetic loss layer is deposited on said outer surface by sputtering process.

97. A CRT display device as claimed in claim 95, wherein said sheet-like magnetic loss layer is deposited on said outer surface by vapor deposition process.